

# Public Health Reports

Treasury Department, United States Marine-Hospital Service. Published in accordance with act of Congress approved February 15, 1893.

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## UNITED STATES.

### *Instructions relative to post-epidemic disinfection.*

TREASURY DEPARTMENT,  
OFFICE OF THE SUPERVISING SURGEON-GENERAL,  
MARINE-HOSPITAL SERVICE,  
*Washington, D. C., December 1, 1897.*

SIR: You are hereby placed in charge of post-epidemic disinfection and aeration on the part of the Marine-Hospital Service at all places in the State of Mississippi where yellow fever has appeared during the past summer and fall. A list of said places is herein inclosed (inclosure No. 1). In addition to these specified places, it should be your duty, by inquiry and other means within your power, to ascertain if yellow fever has existed in any other locality, however remote, and to visit said places and carry out these instructions. (See PUBLIC HEALTH REPORTS, December 3, 1897.)

The measures to be enforced are enumerated in the inclosed memorandum regarding post-epidemic disinfection and house aeration (Inclosure No. 2). (See PUBLIC HEALTH REPORTS, December 3, 1897.)

Hospital Steward Cragg, who has had yellow fever, has been ordered to report to you to assist you in these duties. He will be of service in keeping records and accounts, and in any other manner which you may direct.

On arriving in a given municipality or township you will immediately call upon the mayor and the health authorities and secure their cooperation. You should inform them that in view of the large amount of work to be accomplished it is absolutely necessary that the expenses therefor should be borne, so far as possible, by the local authorities, and it is the purpose of the Marine-Hospital Service only to meet such expenses as are absolutely necessary, upon certification by the proper health authorities. In some localities it is obvious that part of the work may be done and paid for by the local authorities, but that it will have to be supplemented by the Service assuming a portion thereof.

A list of every house in which there has been yellow fever, and a list

also of houses where there have been cases of suspected fever, should be obtained, and the work then should be prosecuted systematically. The importance should be insisted upon of both disinfection and aeration. With regard to disinfection, all of the known agents should be used as required in special cases. Steam disinfection of mattresses and clothing may be required and for this purpose you are authorized to have the steam disinfecting chamber placed on a flat car rented for the purpose and carried through the desired localities. Should this apparatus be considered insufficient for the work required at any given place, recommendation should be made for the construction of a steam disinfecting car such as was in use at the detention camp at Waynesville in 1893. It is not unlikely that it will be found necessary to burn some mattresses and possibly some clothing. In this event it is suggested that arrangements be made, either at Camp Hutton, Fontainebleau, or Mount Vernon Barracks, for the shipment of mattresses which are practically new to any desired point, for the purpose of replacing those which are burned and which belong to people who are unable to stand the loss.

You will make report from each town visited and disinfected at the close of the work at that place, and reporting the next place to be visited. It is suggested that in some places visited there may be need of some professional help, and should this be the case the best local talent should be secured, and nominations for his appointment for temporary service should be duly reported to the Bureau, with rate stated.

It is suggested that inasmuch as it is necessary for you to visit Vicksburg, Jackson, and Meridian before proceeding on this duty, said duty might begin at Edwards and adjacent towns.

Respectfully, yours,

WALTER WYMAN,

*Supervising Surgeon-General, U. S. M. H. S.*

Passed Assistant-Surgeon J. H. WHITE,

*U. S. Marine-Hospital Service, New Orleans, La.*

[Reports to the Supervising Surgeon-General United States Marine-Hospital Service.]

*Additional cases of yellow fever at Flomaton.*

MOBILE, ALA., December 13, 1897.

SIR: I have the honor to report that 1 case of yellow fever occurred at Flomaton on December 1 (Respero) and 1 on December 4 (Ragan) and that 1 death (Ragan) occurred there to-day. Referring to my telegram of November 16 from Flomaton and the list of yellow fever cases in the PUBLIC HEALTH REPORTS, I have to state that the record for Flomaton should now read: Cases, 98; deaths, 5. To the death list, in fact, there should be added 1 (McCurdy), who died on November 10, but was finally diagnosed as "typhoid fever," when the case was evidently ptomaine poisoning following yellow fever.

I am, very respectfully, your obedient servant,

R. D. MURRAY,

*Surgeon, U. S. M. H. S.*

*Yellow fever in the United States as reported to the Supervising Surgeon-General United States Marine-Hospital Service to December 8, 1897. (a)*

States.	Cities.	Date.	Cases.	Deaths.
Alabama .....	Aleo.....	Oct. 8.....	1	0
	Bayminette.....	Oct. 14.....	1	1
	Flomaton.....	To Dec. 13.....	98	5
	Greensboro.....	Nov. 2.....	1	1
	Mobile.....	Sept. 13-Sept. 30.....	74	11
		Oct. 1-Oct. 31.....	b 187	25
		Nov. 1-Nov. 27.....	102	12
	Montgomery.....	Oct. 18-Oct. 27.....	104	8
		Nov. 1-Nov. 10.....	16	3
	Notasulga.....	Oct. 25.....	1	0
	Sandy Ridge.....	.....do.....	1	0
	Selma.....	Oct. 23-Oct. 31.....	11	1
		Nov. 3-Nov. 10.....	1	1
	Wagar.....	To Nov. 3.....	45	3
Florida.....	Whistler.....	Oct. 29-Nov. 12.....	122	7
	Fort Barrancas.....	Nov. 18-Nov. 22.....	4	1
	Pensacola.....	Nov. 15.....	1	1
Georgia.....	Atlanta.....	Oct. 8-Oct. 27.....	c 3	0
Illinois.....	Calro.....	Sept. 19-Sept. 20.....	4	0
Kentucky.....	Louisville.....	Sept. 23.....	1	1
Louisiana.....	Baton Rouge.....	Oct. 18-Oct. 31.....	4	2
		Nov. 11.....	1	0
	Franklin.....	Oct. 14-Oct. 21.....	3	1
	New Orleans.....	Sept. 8-Sept. 30.....	226	27
		Oct. 1-Oct. 31.....	1, 285	149
		Nov. 1-Dec. 4.....	386	109
		Dec. 5-Dec. 11.....	5	3
	Patterson.....	Oct. 21.....	1	0
	Barkley.....	Sept. 13-Sept. 18.....	10	4
	Bay St. Louis.....	Oct. 17-Oct. 28.....	40	4
Mississippi.....	Biloxi.....	Sept. 1-Sept. 30.....	132	7
		Oct. 1-Oct. 31.....	418	17
		Nov. 1-Nov. 24.....	42	3
	Cayuga.....	Oct. 16-Oct. 28.....	24	1
		Nov. 5.....	1	0
	Clinton.....	Oct. 7-Oct. 31.....	37	2
		Nov. 12-Nov. 15.....	5	0
	County Farm.....	Oct. 25.....	1	0
		Nov. 5.....	1	0
	Durant.....	Nov. 1.....	1	1
	Edwards.....	Sept. 15-Sept. 30.....	212	6
		Oct. 1-Oct. 31.....	229	22
		Nov. 1-Nov. 17.....	14	1
	Hendersons Point.....	Oct. 7.....	3	0
	Hinds County Convict Camp, near Raymond.	Oct. 23-Oct. 27.....	6	0
	McHenry.....	Sept. 30-Oct. 31.....	29	1
		Nov. 2.....	1	0
	Nitta Yuma.....	Oct. 3-Oct. 31.....	21	1
		Nov. 1-Nov. 10.....	6	0
Tennessee.....	Ocean Springs.....	Sept. 8-Sept. 30.....	23	6
	Pascagoula.....	Oct. 14-Oct. 31.....	27	1
		Nov. 1-Nov. 10.....	8	1
	Perkinston.....	Sept. 10.....	1	0
	Scranton.....	Sept. 10-Sept. 30.....	39	3
		Oct. 1-Oct. 31.....	281	10
		Nov. 1-Nov. 18.....	43	5
	Waveland.....	To Oct. 20.....	4	0
	West Pascagoula.....	Nov. 2-Nov. 3.....	8	0
	Memphis.....	Oct. 22-Oct. 31.....	40	5
Texas.....		Nov. 1-Nov. 10.....	12	9
	Beaumont.....	Sept. 22.....	1	0
	Galveston.....	Oct. 12.....	12	0
	Houston.....	Oct. 27.....	(d)	.....
		Oct. 11.....	3	0

a For daily reports of cases and deaths, see previous PUBLIC HEALTH REPORTS.

b Two in vicinity.

c Refugees.

d Yellow fever reported; cases not given.

*Smallpox in the United States as reported to the Supervising Surgeon-General United States Marine-Hospital Service, December 29, 1896, to December 17, 1897.*

Places.	Date.	Cases.	Deaths.	Remarks.
<b>Alabama:</b>				
Bessemer.....	Sept. 26-Oct. 2....	1		
Birmingham and adjacent country.....	May 8-Aug. 12....	96	1	5 cases varioloid.
	Aug. 21-Oct. 16....	68		
	Nov. 1-Nov. 27....	32	1	
	Nov. 28-Dec. 4....	13		
	Dec. 5-Dec. 11....	17	2	
Brockton.....	Aug. 29.....	1		
Mobile.....	Dec. 28-Jan. 26....	2		
	Mar. 28.....	1		
	Apr. 17.....	1		
	May 21.....	1		
	May 31.....	1		
Montgomery.....	Aug. 7-Aug. 13....	28		
Union Springs.....	Mar. 21.....		1	
<b>Connecticut:</b>				
New Haven.....	Feb. 17.....	1		
<b>Florida:</b>				
Pensacola.....	Jan. 19-Feb. 20....	13		12 varioloid. Varioloid. Do. Do. Do.
	Feb. 28-Mar. 10....	14		
	Mar. 27-Apr. 3....	3		
	Apr. 10-May 1....	10		
	May 2-May 22....	7		
	May 29-June 5....	2		1 case varioloid.
	July 4-July 10....			
Escambia County (not including Pensacola).....	Dec. 2-Jan. 19....	18		
<b>Georgia:</b>				
Atlanta and adjacent country.....	Oct. 12-Nov. 30....	102	1	
Griffin.....	Oct. 20-Dec. 2....	19	1	
<b>Illinois:</b>				
Chicago.....	Mar. 25.....			Smallpox reported brought from Mexico.
	Mar. 27-Apr. 3....		1	
	Apr. 10-Apr. 17....	2		
	May 8-May 15....		1	
<b>Indiana:</b>				
Greenwood.....	Feb. 12.....	1		
<b>Louisiana:</b>				
New Orleans.....	Sept. 8.....	1		Varioloid.
	Oct. 23.....	1		
<b>Massachusetts:</b>				
Boston.....	May 1-May 8....	4		Varioloid. 1 smallpox.
	May 22-May 29....	1		
Cambridge.....	June 6-June 26....	3		
Gloucester.....	June 19-June 26....	1	2	
New Bedford.....	Apr. 10-Apr. 17....	1		
<b>Michigan:</b>				
Bay City.....	Oct. 27-Nov. 20....	3		Smallpox reported. Do.
Blissfield Township.....	Mar. 27-Apr. 10....			
	Apr. 17-May 1....			
<b>Missouri:</b>				
St. Louis.....	April 29.....	2		
	May 1-May 22....	2	3	
<b>New Mexico:</b>				
Albuquerque.....	Sept. 19.....	1		
<b>New York:</b>				
Brooklyn.....	Apr. 24-June 26....	5	2	Do.
	June 27-July 24....	2	1	
	Mar. 1-Mar. 31....		2	
	Apr. 17-May 15....		10	
	June 13-June 19....		3	
	July 4-July 24....		3	
<b>Ohio:</b>				
Toledo.....	Apr. 1-May 31....	14	2	
	June 1-June 30....	4	1	
<b>Pennsylvania:</b>				
Drifton.....	Apr. 6.....	1		
McKeesport.....	Oct. 16-Oct. 23....	1		
<b>Tennessee:</b>				
Memphis.....	Apr. 1-June 26....	21		
	July 4-July 17....	3		
	Aug. 15-Aug. 21....	1		
	Oct. 14-Oct. 23....	8		
<b>Washington:</b>				
Tacoma.....	Feb. 6.....	1		
Olympia.....	Mar. 1.....	1		

*Report of immigration at Boston for the week ended December 11, 1897.*OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,  
*Port of Boston, December 11, 1897.**Number of alien immigrants who arrived at this port during the week ended December 11, 1897;  
also names of vessels and ports from which they arrived.*

Date.	Vessel.	Where from.	No. of im- migrants.
Dec. 5	Steamship Pavonia.....	Liverpool, England, and Queens- town, Ireland.	84
Do....	Steamship Boston.....	Yarmouth, Nova Scotia.....	38
Do....	Steamship Borderer.....	Nicaragua.....	3
Dec. 6	Steamship Columbian.....	London, England.....	6
Do....	Steamship Belvidere.....	Port Morant, Jamaica.....	1
Dec. 8	Steamship Prince Edward.....	Yarmouth, Nova Scotia.....	46
Dec. 9	Steamship Boston.....	do.....	23
Do....	Steamship Cestrian.....	Liverpool, England.....	7
Do....	Steamship Halifax.....	Halifax, Nova Scotia.....	48
Dec. 10	Steamship Pro Patria.....	St. Pierre Miquelon.....	13
Dec. 11	Steamship Prince Edward.....	Yarmouth, Nova Scotia.....	44
	Total.....		313

GEO. B. BILLINGS,  
*Commissioner.**Report of immigration at Philadelphia for the week ended December 11, 1897.*OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,  
*Port of Philadelphia, December 11, 1897.**Number of alien immigrants who arrived at this port during the two weeks ended December 11,  
1897; also names of vessels and ports from which they arrived.*

Date.	Vessel.	Where from.	No. of im- migrants.
Nov. 28	Steamship Kensington.....	London.....	1
Nov. 30	Steamship St. Hubert.....	do.....	2
Dec. 3	Steamship Condor.....	Jamaica.....	3
Dec. 5	Steamship Maine.....	London.....	1
Dec. 6	Steamship Assyrian.....	Glasgow.....	2
Do....	Steamship Rhyndland.....	Liverpool and Queenstown.....	122
	Total.....		131

JNO. J. S. RODGERS,  
*Commissioner.*

*Report of immigration at New York for the week ended December 12, 1897.*OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,  
*Port of New York, December 12, 1897.**Number of alien immigrants who arrived at this port during the week ended December 12, 1897 ;  
also names of vessels and ports from which they arrived.*

Date.	Vessel.	Where from.	No. of immigrants.
Dec. 7	Steamship Augusta Victoria.....	Bremen.....	278
Dec. 9	Steamship Spaarndam.....	Amsterdam.....	125
Do....	Steamship Teutonic.....	Liverpool and Queenstown.....	135
Do....	Steamship Noordland.....	Antwerp.....	167
Dec. 10	Steamship Trave.....	Bremen.....	235
Dec. 11	Steamship H. H. Meier.....	do.....	301
Dec. 12	Steamship St. Louis.....	Southampton.....	76
Do....	Steamship Umbria.....	Liverpool and Queenstown.....	99
	Total.....		1,416

THOMAS FITCHIE,  
*Commissioner.*



## QUARANTINE REPORTS.

## National quarantine and inspection stations.

[Vessels named only when detained or given treatment at quarantine.]

Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
Alexandria, Va.....	Dec. 11	Nor. bk. Amal.....	Dec. 6	Bahia.....	Brunswick.....	Held for discharge of ballast.	Dec. 8	No transactions.	10
Brunswick, Ga.....	do.	Sp. bk. Barnquin.....	Dec. 11	Habana.....	do.....	do.....		do.....	4
Cape Fear, N. C.....	do.							No transactions.	5
Delaware Breakwater Quarantine, Del.	Dec. 1							No transactions.	4
Eureka, Cal.....	Dec. 8							No transactions.	4
Grays Harbor, Wash.....	Dec. 4							No transactions.	4
Gulf Quarantine, Ship Island, Miss.	Dec. 11							No transactions.	4
Newbern, N. C.....	Dec. 4							No transactions.	4
Port Townsend, Wash.....	Dec. 4							No transactions.	4
Reedy Island Quarantine, Del.	Dec. 11							No transactions.	19
San Diego, Cal.....	Dec. 4							No transactions.	2
San Francisco Quarantine, Cal.	Nov. 27	Nor. bk. Imperator.....	Nov. 20	Acapulco.....		Disinfected and held for observation.	Nov. 25	3 cases malarial fever. 208 Chinese and 26 Japanese steerage passengers from Br. ss. Gaelic bathed and their clothing and baggage disinfected. 86 Chinese and 24 Japanese steerage passengers from Am. ss. City of Peking disinfected.	9
	Dec. 4								10
South Atlantic Quarantine, Blackbeard Island, Ga.	do.								3
Tortugas Quarantine, Key West, Fla.	do.	Am. tug Albert F. Dewey, (a) Am. bge. Three Brothers, (a)	Nov. 24	Habana.....	Punta Gorda.....	Disinfected.	Nov. 30		
	do.		do.	do.	do.	do.	do.		

a Previously reported.

QUARANTINE REPORTS—Continued.  
National quarantine and inspection stations—Continued.

Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
Tortugas Quarantine, Key West, Fla.	Dec. 4	Am. sc. B. Frank Neally. (a) Rus. bkn. Betania	Nov. 24 Dec. 1	Habana Para	Key West Apalachicola	Disinfected .....do	Nov. 30	Removed from Apalachicola for disinfection.	.....
		Am. sc. Rollin Sanford.	Dec. 3	Habana	.....do	Disinfected and held		No transactions	.....
Washington, N. C.	Nov. 11								.....

a Previously reported.





*Reports of States and yearly and monthly reports of cities.*

CALIFORNIA—*Sacramento*.—Month of November, 1897. Estimated population, 30,000. Total deaths, 31, including phthisis pulmonalis, 4, and diphtheria, 1.

FLORIDA—*Tampa*.—Month of November, 1897. Estimated population, 26,000. Total deaths, 34, including 4 from phthisis pulmonalis.

INDIANA—*Evansville*.—Month of November, 1897. Estimated population, 65,000. Total deaths, 65, including phthisis pulmonalis, 6, and diphtheria, 2.

MASSACHUSETTS—*Brockton*.—Month of November, 1897. Estimated population, 35,853. Total deaths, 16, including 5 from phthisis pulmonalis.

*Fitchburg*.—Month of November, 1897. Estimated population, 28,392. Total deaths, 24, including phthisis pulmonalis, 4; enteric fever, 1, and diphtheria, 2.

*Newton*.—Month of November, 1897. Estimated population, 27,590. Total deaths, 30, including phthisis pulmonalis, 2; enteric fever, 1; scarlet fever, 1, and diphtheria, 1.

MICHIGAN.—Week ended December 4, 1897. Reports to the State board of health, Lansing, from 56 observers, indicate that erysipelas and consumption increased and pneumonia decreased in area of prevalence. Phthisis pulmonalis was reported present during the week at 174, enteric fever at 46, diphtheria at 41, scarlet fever at 33, measles at 32, and whooping cough at 10 places.

NEW HAMPSHIRE—*Concord*.—Month of November, 1897. Estimated population, 18,000. Total deaths, 14, including enteric fever, 1, and scarlet fever and diphtheria, 1.

OHIO—*Dayton*.—Month of November, 1897. Estimated population, 62,000. Total deaths, 82, including phthisis pulmonalis, 3; enteric fever, 5, and diphtheria, 1.

*Toledo*.—Month of November, 1897. Estimated population, 143,755. Total deaths, 135, including phthisis pulmonalis, 14; enteric fever, 4; diphtheria, 2, and whooping cough, 1.

PENNSYLVANIA—*Williamsport*.—Month of November, 1897. Estimated population, 35,000. Total deaths, 20, including phthisis pulmonalis, 2; enteric fever, 1, and diphtheria, 1.

RHODE ISLAND—*Newport*.—Month of November, 1897. Estimated population, 21,500. Total deaths, 14, including phthisis pulmonalis, 1, and diphtheria, 1.

TENNESSEE—*Memphis*.—Month of November, 1897. Estimated population, white, 28,573; colored, 27,561; total, 56,134. Deaths, white, 58; colored, 68; total, 126, including phthisis pulmonalis, 18; yellow fever, 6, and diphtheria, 4.

*Nashville*.—Month of November, 1897. Estimated population, white,

54,595; colored, 33,159; total, 87,754. Deaths, white, 70; colored, 84; total, 154, including phthisis pulmonalis, 30, and enteric fever, 8.

UTAH—*Salt Lake City*.—Month of November, 1897. Estimated population, 70,000. Total deaths, 55, including phthisis pulmonalis, 7; enteric fever, 5, and diphtheria, 1.

VIRGINIA—*Petersburg*.—Month of November, 1897. Estimated population, white, 12,000; colored, 13,000; total, 25,000. Deaths, white, 10; colored, 18; total, 28, including phthisis pulmonalis, 1; enteric fever, 1, and whooping cough, 1.

*Richmond*.—Month of November, 1897. Estimated population, white, 56,440; colored, 47,120; total, 103,560. Deaths, white, 51; colored, 58, total, 109, including phthisis pulmonalis, 13; enteric fever, 4; diphtheria, 2, and whooping cough, 1.

## MORTALITY TABLE, CITIES OF THE UNITED STATES.

Cities.	Week ended.	Population, U. S. Census of 1890.	Total deaths from all causes.	Deaths from—									
				Phthisis pulmonalis.	Yellow fever.	Smallpox.	Varicoid.	Cholera.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.
Allegheny, Pa.	Dec. 11.	105,287	40	5						4		2	1
Baltimore, Md.	do.	434,439	164	20						3	2	15	2
Binghamton, N. Y.	do.	35,005	13	3									
Boston, Mass.	do.	448,477	191	16						4		5	1
Braddock, Pa.	Nov. 6.	8,561	0										
Do.	Nov. 20.	8,561	0										
Do.	Nov. 27.	8,561	0										
Bristol, R. I.	Dec. 4.	5,478	1	1									
Do.	Dec. 11.	5,478	4	1									
Brockton, Mass.	Nov. 27.	27,294	7	2									
Do.	Dec. 4.	27,294	8	3									
Brooklyn, N. Y.	Dec. 11.	806,343	346	46					5	4	13		1
Bucyrus, Ohio.	do.	5,974	1										
Cambridge, Mass.	do.	70,028	27	1									
Carlisle, Pa.	do.	7,620	1										
Chicago, Ill.	Dec. 4.	1,099,850	376	46					9	2	17		
Cincinnati, Ohio.	Dec. 10.	296,908	104	13								4	
Cleveland, Ohio.	Dec. 11.	261,353	98	2									1
Columbus, Ind.	do.	6,719	1										
Columbus, Ohio.	do.	88,150	32	2					3				
Dayton, Ohio.	Dec. 10.	61,220	20	2					1				
Detroit, Mich.	Dec. 11.	305,876	75	1								2	
Dunkirk, N. Y.	Dec. 4.	9,416	1										
Elizabeth City, N. J.	Dec. 11.	37,764								1	1		
Erie, Pa.	Dec. 4.	40,634								1			
Everett, Mass.	do.	11,068	11									1	
Fall River, Mass.	Dec. 11.	74,598	29	6						1			
Fitchburg, Mass.	Dec. 4.	22,037	7	1								2	
Flint, Mich.	do.	9,803	2										
Do.	Dec. 11.	9,803	1										
Gloucester, Mass.	Dec. 9.	24,651	1										
Grand Rapids, Mich.	Dec. 11.	60,278	11										
Green Bay, Wis.	Dec. 4.	9,069	1										
Ironton, Ohio.	Dec. 11.	10,939	3	1									
Jacksonville, Fla.	Dec. 4.	17,201	10	1									
Do.	Dec. 11.	17,201	10	1									
Kalamazoo, Mich.	Dec. 4.	17,853	7						1				
Do.	Dec. 11.	17,853	9										
Lancaster, Pa.	Nov. 6.	32,011	7										
Do.	Nov. 13.	32,011	3										
Do.	Nov. 20.	32,011	9										
Do.	Nov. 27.	32,011	7										
Lawrence, Mass.	Dec. 4.	44,654	19									2	
Lowell, Mass.	Dec. 11.	77,696	32	4								1	
Lynchburg, Va.	do.	19,709	4										
McKeesport, Pa.	Dec. 4.	20,741	2										
Massillon, Ohio.	do.	10,092	3	1								1	
Medford, Mass.	do.	11,079	3	1								1	
Do.	Dec. 11.	11,079	3										
Memphis, Tenn.	do.	64,498	25	4									
Michigan City, Ind.	Dec. 4.	10,776	1										
Do.	Dec. 11.	10,776	4									2	
Middletown, N. Y.	Dec. 7.	11,977	5										
Milwaukee, Wis.	Dec. 11.	204,468	66	12								3	
Minneapolis, Minn.	Dec. 4.	164,738	51	3						4		3	
Nashville, Tenn.	Dec. 11.	76,168	2										
New Brighton, N. Y.	Oct. 30.	16,423	5										
Do.	Nov. 6.	16,423	4										
Do.	Nov. 13.	16,423	9	2									
Do.	Nov. 20.	16,423	9	1								1	
Do.	do.	16,423	6	1									
Do.	Dec. 4.	16,423	4	1									
Newburyport, Mass.	do.	13,947	8	2									
New Orleans, La.	do.	242,039	123	20	3				3				
Do.	Dec. 11.	242,039	122	11	3				4				
Newport, R. I.	do.	19,457	5										
New York, N. Y.	do.	1,515,301	704	92					14	16	17	17	7
Norristown, Pa.	Dec. 4.	19,791	5										
Do.	Dec. 11.	19,791	8									1	
Omaha, Nebr.	Nov. 27.	140,452	23									4	
Do.	Dec. 4.	140,452	18										
Oneonta, N. Y.	Dec. 11.	6,272	4	1									
Philadelphia, Pa.	do.	1,046,964	401	42					12	3	32	1	
Pittsburg, Pa.	Dec. 4.	238,617	81	4					4	2	2		2



Table of temperature and rainfall, week ended December 6, 1897.

[Received from Department of Agriculture, Weather Bureau.]

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	Excess.	Deficiency.	Normal.	Excess.	Deficiency.
<b>Atlantic Coast:</b>						
Eastport, Me.	28	1		.92	.33	
Portland, Me.	29		2	.85	.39	
Northfield, Vt.	22		2	.71	.15	
Boston, Mass.	38	1		.92		.50
Vineyard Haven, Mass.	42		3	.82	.42	
Nantucket, Mass.	37	2		.90	.02	
Woods Hole, Mass.	36	0		.94	.02	
Block Island, R. I.	37		1	.90	.01	
New Haven, Conn.	33	1		.83		.15
Albany, N. Y.	30	0		.63	.41	
New York, N. Y.	36	0		.78	.06	
Harrisburg, Pa.	38		5	.63	.69	
Philadelphia, Pa.	37		1	.64	.42	
New Brunswick, N. J.	35		1	.84	.21	
Atlantic City, N. J.	38	0		.84	.19	
Baltimore, Md.	38		2	.73	.55	
Washington, D. C.	37		2	.63	.45	
Lynchburg, Va.	40		2	.63	.41	
Cape Henry, Va.	48		2	.84	.67	
Norfolk, Va.	43	2		.78	.20	
Charlotte, N. C.	45		3	.80		.04
Raleigh, N. C.	43		2	.50		.05
Kittyhawk, N. C.	50	9		.92	.23	
Hatteras, N. C.	48	5		1.19	2.70	
Wilmington, N. C.	47	2		.59	.12	
Columbia, S. C.	51		7	.62		.45
Charleston, S. C.	51	4		.70		.64
Augusta, Ga.	47	0		.77		.68
Savannah, Ga.	52	3		.62		.42
Jacksonville, Fla.	55	9		.62		.59
Jupiter, Fla.	67	6		.66	3.63	
Key West Fla.	70	5		.42		.39
<b>Gulf States:</b>						
Atlanta, Ga.	48		4	.93	.14	
Tampa, Fla.	64	3		.49		.29
Pensacola, Fla.	56	1		.85		.80
Mobile, Ala.	53	2		.98		.57
Montgomery, Ala.	51		2	.98		.07
Vicksburg, Miss.	52		5	1.13	5.30	
New Orleans, La.	57		1	.98	.70	
Shreveport, La.	52		10	1.09	.09	
Fort Smith, Ark.	45		11	.77		.50
Little Rock, Ark.	48		12	.99		.13
Palestine, Tex.	54		14	.91	.63	
Galveston, Tex.	59		7	.92	.34	
San Antonio, Tex.	57		8	.48		.23
Corpus Christi, Tex.	62		10	.40		.09
<b>Ohio Valley and Tennessee:</b>						
Memphis, Tenn.	45		6	.97	.47	
Nashville, Tenn.	43		3	.85	1.01	
Chattanooga, Tenn.	45		3	.98	2.49	
Knoxville, Tenn.	40	0		.91	.84	
Louisville, Ky.	40		6	.91		.37
Indianapolis, Ind.	35		5	.77		.34
Cincinnati, Ohio.	38		4	.71		.29
Columbus, Ohio.	35		3	.71		.51
Parkersburg, W. Va.	36	3		.77		.04
Pittsburg, Pa.	36	1		.63		.07
<b>Lake Region:</b>						
Oswego, N. Y.	30		3	.77	1.73	
Rochester, N. Y.	30		2	.63	.03	
Buffalo, N. Y.	31		2	.77		.35
Erie, Pa.	33		4	.78		.50
Cleveland, Ohio.	33		2	.63		.48
Sandusky, Ohio.	33		2	.57		.39
Toledo, Ohio.	33		5	.56		.50
Detroit, Mich.	31		5	.63		.41
Lansing, Mich.	31		8	.49		.08
Port Huron, Mich.	29		4	.56		.34
Alpena, Mich.	26		3	.56	.12	
Sault Ste. Marie, Mich.	23		7	.50	.03	
Marquette, Mich.	25		9	.63		.30
Green Bay, Wis.	23		9	.56		.07

a The figures in these columns represent the average daily departure.



Table of temperature and rainfall, week ended December 6, 1897—Continued.

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	a Excess.	a Deficiency.	Normal.	Excess.	Deficiency.
<b>Lake Region—Continued.</b>						
Grand Haven, Mich.....	31	.....	4	.63	.....	.11
Milwaukee, Wis.....	28	.....	9	.47	.11	.....
Chicago, Ill.....	31	.....	7	.57	.....	.11
Duluth, Minn.....	22	.....	11	.35	.....	.03
<b>Upper Mississippi Valley:</b>						
St. Paul, Minn.....	22	.....	14	.28	.....	.02
La Crosse, Wis.....	27	.....	16	.34	.07	.....
Dubuque, Iowa.....	29	.....	12	.43	.23	.....
Davenport, Iowa.....	31	.....	10	.42	.30	.....
Des Moines, Iowa.....	30	.....	12	.35	1.01	.....
Keokuk, Iowa.....	32	.....	9	.49	.11	.....
Springfield, Ill.....	35	.....	10	.64	.....	.04
Cairo, Ill.....	42	.....	9	.81	.....	.48
St. Louis, Mo.....	38	.....	9	.70	.....	.13
<b>Missouri Valley:</b>						
Columbia, Mo.....	40	.....	15	.55	.52	.....
Springfield, Mo.....	40	.....	13	.71	.....	.48
Kansas City, Mo.....	35	.....	13	.42	.21	.....
Wichita, Kans.....	38	.....	16	.20	.26	.....
Concordia, Kans.....	34	.....	14	.14	.00	.....
Lincoln, Nebr.....	35	.....	16	.....	.....	.....
Omaha, Nebr.....	31	.....	16	.27	.33	.....
Sioux City, Iowa.....	27	.....	15	.27	.66	.....
Yankton, S. Dak.....	27	.....	14	.20	.56	.....
Valentine, Nebr.....	30	.....	20	.07	.61	.....
Huron, S. Dak.....	23	.....	16	.14	.11	.....
Pierre, S. Dak.....	26	.....	16	.07	.09	.....
Moorhead, Minn.....	16	.....	.....	.21	.....	.....
Bismarck, N. Dak.....	19	.....	13	.17	.....	.07
Williston, N. Dak.....	17	.....	12	.13	.02	.....
<b>Rocky Mountain Region:</b>						
Havre, Mont.....	23	.....	21	.10	.48	.....
Helena, Mont.....	27	.....	13	.19	.15	.....
Miles City, Mont.....	24	.....	17	.07	.21	.....
Rapid City, S. Dak.....	33	.....	19	.07	.02	.....
Spokane, Wash.....	35	.....	11	.48	.86	.....
Walla Walla, Wash.....	39	.....	8	.42	.37	.....
Baker City, Oreg.....	33	.....	3	.82	.28	.....
Winnemucca, Nev.....	35	.....	3	.21	.17	.....
Salt Lake City, Utah.....	36	.....	5	.35	.37	.....
Lander, Wyo.....	24	.....	7	.14	.74	.....
Cheyenne, Wyo.....	34	.....	10	.04	.89	.....
North Platte, Nebr.....	31	.....	15	.08	.40	.....
Denver, Colo.....	37	.....	9	.14	.....	.02
Pueblo, Colo.....	38	.....	10	.07	.02	.....
Dodge City, Kans.....	37	.....	15	.14	.....	.08
Oklahoma, Okla.....	46	.....	19	.44	.....	.40
Amarillo, Tex.....	35	.....	7	.15	.11	.....
Abilene, Tex.....	51	.....	15	.34	.....	.31
Santa Fe, N. Mex.....	34	.....	3	.21	.03	.....
El Paso, Tex.....	49	.....	7	.13	.....	.12
Phoenix, Ariz.....	54	.....	4	.21	.....	.15
<b>Pacific Coast:</b>						
Fort Canby, Wash.....	46	0	.....	2.26	1.23	.....
Portland, Oreg.....	44	0	.....	1.61	.59	.....
Roseburg, Oreg.....	44	1	.....	1.21	.39	.....
Eureka, Cal.....	49	.....	.....	1.59	.....	.....
Redbluff, Cal.....	49	.....	1	1.04	.....	1.00
Carson City, Nev.....	38	.....	3	.48	.....	.34
Sacramento, Cal.....	50	.....	1	.78	.....	.68
San Francisco, Cal.....	53	0	.....	.99	.....	.99
Fresno, Cal.....	50	.....	2	.29	.....	.29
Los Angeles, Cal.....	58	.....	2	.68	.....	.68
San Diego, Cal.....	58	.....	.....	.43	.....	.....
Yuma, Ariz.....	60	.....	5	.07	.....	.07

a The figures in these columns represent the average daily departure.



## FOREIGN.

[Reports received from United States consuls through the Department of State and from other sources.]

*Cholera, yellow fever, and plague as reported to the Supervising Surgeon-General United States Marine-Hospital Service, December 29, 1896, to December 17, 1897.*

## CHOLERA.

Places.	Date.	Cases.	Deaths.	Remarks.
India:				
Bombay .....	Dec. 8-Dec. 15.....		1	
	Dec. 22-Dec. 29.....		1	
	Mar. 23-Mar. 30.....		1	
	Mar. 31-June 29.....		68	
	July 1-Aug. 3.....		386	
	Aug. 4-Aug. 31.....		509	
	Sept. 1-Sept. 28.....		138	
	Sept. 29-Nov. 2.....		99	
	Nov. 3-Nov. 9.....		11	
Calcutta.....	Nov. 14-Jan. 30.....		267	
	Jan. 31-Feb. 27.....		311	
	Feb. 28-Mar. 6.....		125	
	Mar. 6-May 29.....		1,310	
	May 30-June 26.....		176	
	June 27-July 31.....		118	
	Aug. 1-Aug. 28.....		22	
	Aug. 29-Oct. 2.....		48	
	Oct. 3-Oct. 30.....		31	
Madras.....	Nov. 21-Nov. 27.....		2	
	Nov. 28-Dec. 4.....		1	
	Dec. 12-Dec. 25.....		6	
	Dec. 26-Jan. 25.....		22	
	Jan. 30-Feb. 26.....		13	
	Feb. 27-Mar. 5.....		2	
	Mar. 6-Mar. 19.....		1	
	Mar. 20-Mar. 26.....		2	
	May 29-June 25.....		4	
	June 26-July 30.....		12	
	July 31-Aug. 27.....		28	
	Aug. 28-Oct. 1.....		57	
	Oct. 2-Oct. 29.....		12	
	Oct. 30-Nov. 5.....		2	
Singapore.....	Nov. 1-Nov. 30.....		12	
	Dec. 1-Dec. 31.....		5	
	June 1-June 30.....		1	
	Aug. 1-Aug. 31.....		1	
Ceylon:				
Colombo .....	Nov. 28-Jan. 23.....		114	
	Jan. 23-Jan. 30.....		1	
	July 3-July 17.....		4	
China:				
Hongkong.....	Sept. 4-Sept. 11.....		1	
England:				
Plymouth.....	Jan. 9.....		4	On steamship Nubia. No cases in city.
Japan:				
Chiba Ken .....	July 20-Aug. 3.....	4	3	
Fukuoka Ken.....	June 28-Aug. 3.....	6	4	
Hiogo Ken.....	June 28-July 6.....	1	1	
Kanagawa Ken.....	July 7-Aug. 3.....	13	9	
	Sept. 23-Sept. 30.....	1	1	
Kioto Fu.....	July 16-Aug. 3.....	2	1	
Okinawa.....	July 30-Aug. 3.....	1	1	
Osaka.....	May 1-July 6.....	13	2	
Osaka and Hiogo.....	July 16-July 25.....	2	2	
	Aug. 1-Sept. 4.....	5	8	
Oyama Ken.....	June 28-July 6.....	1		
Saitama.....	July 16-July 25.....	1	1	
Shiga Ken.....	July 20-Aug. 3.....	1	1	
Tochigi Ken.....	July 20-Aug. 3.....	1	1	
Tokyo .....	Dec. 4-Dec. 29.....	8	7	
	Dec. 30-Jan. 18.....	3	3	
	June 28-Aug. 3.....	24	10	
	Sept. 3-Sept. 30.....	18	7	
	Oct. 1-Oct. 10.....	3		
Yamanashi Ken.....	July 7-July 15.....	1		
Yamaguchi Ken.....	July 20-Aug. 3.....	1	1	
Yehime.....	Oct. 29-Nov. 8.....	2		
Yokohama.....	Dec. 4-Dec. 29.....	4	3	
	Dec. 30-Jan. 18.....	2	2	

## Cholera, yellow fever, plague, etc.—Continued.

## YELLOW FEVER.

Places.	Date.	Cases.	Deaths.	Remarks.
Brazil:				
Bahia.....	May 13-May 19....	5	3	Yellow fever reported.
	Oct. 4.....			
Para.....	Dec. 12-Jan. 30....		32	
	Jan. 31-Feb. 27....		20	
	Feb. 27-Mar. 6....		9	
	Mar. 13-Mar. 20....		3	
	Apr. 3-Apr. 10....		3	
	May 30-June 5....		4	
	June 20-July 3....		7	
	July 4-July 31....		11	
	Aug. 1-Aug. 28....		16	
	Sept. 5-Sept. 25....		12	
	Oct. 2-Oct. 9....		5	
	Oct. 16-Oct. 30....		25	
	Nov. 14-Nov. 20....		5	
	Nov. 21-Dec. 26....		10	
	Dec. 26-Jan. 30....		28	
Rio de Janeiro.....	Jan. 31-Feb. 6....	12	5	
	Feb. 13-Feb. 20....	21	6	
	Feb. 20-Mar. 6....		16	
	Mar. 7-May 29....	174	78	
	May 30-July 3....	10	7	
	July 4-July 31....	3	2	
	Aug. 8-Aug. 28....	2	1	
	Aug. 29-Nov. 13....	5	1	
Santos.....	Aug. 1-Aug. 7....	1		
Cuba: (a)				
Cardenas.....	Dec. 25-Jan. 30....	84	8	
	Jan. 31-Feb. 27....	38	1	
	Apr. 17-June 26....	46	9	
	June 27-July 31....	7	3	
	Aug. 1-Aug. 28....		11	
	Sept. 5-Nov. 13....		10	
	Nov. 14-Dec. 4....		1	
Cienfuegos.....	Dec. 20-Dec. 27....		8	
	Dec. 28-Jan. 17....		2	
	Apr. 4-Apr. 11....		1	
	May 17-May 23....		1	
	June 20-July 25....		30	
	July 26-Aug. 1....		16	
	Aug. 2-Aug. 29....		33	
	Aug. 30-Nov. 14....		27	
	Nov. 15-Dec. 5....		1	
Guantanamo.....	Sept. 1-Sept. 30....		1	
Habana.....	Dec. 17-Dec. 31....	220	79	
	Jan. 1-Jan. 28....	400	144	
	Jan. 28-Feb. 25....	117	44	
	Feb. 25-Mar. 25....	130	38	
	Mar. 25-Apr. 29....	342	85	
	Apr. 30-July 1....	750	279	
	July 2-July 25....		192	
	July 3-Aug. 5....		28	
	Aug. 6-Sept. 2....		108	
	Sept. 3-Sept. 30....		67	
	Oct. 1-Oct. 28....		66	
	Oct. 29-Nov. 4....		11	
	Nov. 5-Dec. 2....		44	
	Dec. 3-Dec. 9....		6	
Manzanillo.....	Apr. 1-Apr. 15....		1	
	May 15-May 31....		1	
	June 1-June 15....		1	
	July 2-July 31....		6	
	Aug. 1-Aug. 31....		7	
	Oct. 1-Oct. 31....		11	
	Nov. 1-Nov. 15....		4	
Matanzas.....	Dec. 9-Dec. 23....		8	
	Dec. 23-Jan. 27....		19	
	Jan. 27-Feb. 24....		4	
	Feb. 25-Mar. 31....		2	
	Apr. 1-June 30....	9	24	
	July 1-July 28....		17	
	July 29-Aug. 4....		4	
	Aug. 5-Sept. 29....		39	
	Sept. 30-Oct. 27....		10	
	Oct. 28-Dec. 1....		5	
	Dec. 2-Dec. 8....		1	

a February 28, 1897, 300 cases of yellow fever were reported among the sick soldiers on the Island.

## Cholera, yellow fever, plague, etc.—Continued.

## YELLOW FEVER—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
<i>Cuba—Continued.</i>				
Regla.....	Sept. 1-Sept. 30.....		104	
	Oct. 1-Oct. 14.....		30	
	Nov. 5-Dec. 2.....		47	
	Dec. 3-Dec. 9.....		3	
Sagua la Grande.....	Dec. 19-Dec. 26.....	50	5	
	Dec. 26-Jan. 9.....	65	6	
	Jan. 9-Jan. 30.....	110	12	
	Jan. 31-Feb. 27.....	35	7	
	Feb. 27-Mar. 27.....	54	17	
	Mar. 28-June 26.....	304		Number of deaths not given.
	June 27-July 31.....	185	9	
	Aug. 1-Aug. 28.....	130	11	
	Aug. 29-Sept. 25.....	180	13	
	Sept. 26-Oct. 2.....	30	4	
	Oct. 3-Oct. 30.....	151	8	
	Oct. 31-Nov. 27.....	69	1	
	Nov. 28-Dec. 4.....	5		Do.
Santiago.....	Dec. 5-Dec. 26.....		17	
	Dec. 26-Jan. 30.....		16	
	Jan. 16-Jan. 30.....		5	
	Jan. 30-Feb. 27.....		6	
	Feb. 27-Mar. 27.....		3	
	May 2-July 3.....	54	64	140 cases in military hospital.
	July 4-July 31.....		82	
	Aug. 1-Aug. 28.....		56	
	Aug. 29-Oct. 2.....		74	
	Oct. 3-Oct. 30.....		27	
	Oct. 31-Nov. 27.....		8	
	Nov. 28-Dec. 4.....		1	
Ecuador:				
Guayaquil.....	Dec. 18-Jan. 10.....		9	
Haiti:				
Cape Haytien.....	Nov. 6.....			Yellow fever reported.
Port au Prince.....	Dec. 1-Dec. 7.....		2	
	Dec. 14.....			Yellow fever epidemic.
	Mar. 1-Mar. 8.....		3	
	Nov. 10.....	2	1	
Guadeloupe:				
Basse Terre.....	Jan. 5.....	1		
Jamaica:				
Brownstown, St. Anns.....	Nov. 7-Nov. 20.....	7		
Buff Bay.....	Oct. 17-Nov. 20.....	1	1	
Kingston.....	July 17-July 31.....	2	1	
	Aug. 1-Nov. 20.....	78	33	
Manchester.....	Aug. 1-Nov. 20.....	25	7	
Morant Bay.....	Nov. 7-Nov. 20.....	1	1	
Port Antonio.....	Aug. 1-Nov. 20.....	4	4	
St. Andrew.....	Nov. 14-Nov. 20.....	1		
St. Catharine.....	Nov. 7-Nov. 20.....	4		
St. Elizabeth.....	Aug. 1-Nov. 20.....	1	1	
Westmorland.....	Nov. 7-Nov. 20.....	1	1	
Mexico:				
Mazatlan.....	Sept. 26-Oct. 2.....		9	
Vera Cruz.....	June 28.....			Yellow fever reported.
	June 25-July 1.....		2	
	June 29.....		2	
	Oct. 1-Oct. 7.....	a 3		
	Nov. 12-Nov. 18.....		b 1	
Nicaragua:				
Corinto.....	Sept. 6.....			Do.
Leon.....	Sept. 6.....			Do.
	Oct. 1.....		2	Do.
Managua.....	Sept. 6.....			Do.
Peru:				
Callao.....	June 10-June 17.....		2	In harbor on steamship Santiago from Panama.
San Salvador.....	July 1-July 31.....	38	11	
	Aug. 1-Aug. 31.....	54	16	
	Sept. 1-Sept. 30.....	34	12	
	Nov. 1.....			Yellow fever epidemic.
United States of Colombia:				
Bocas del Toro.....	Aug. 22.....			1 case yellow fever.
Cartagena.....	Oct. 12-Oct. 23.....	12	3	Yellow fever reported epidemic.
Colon.....	May 12-May 25.....		5	
	Aug. 4-Aug. 14.....		1	
Panama.....	Apr. 14.....	20	17	
	June 23.....	91	62	Estimated.

a On steamship Uto.

b On Sacrificio Island.

*Cholera, yellow fever, plague, etc.—Continued.*

## YELLOW FEVER—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Panama .....	June 23-July 3...	12	1	
	July 4-Aug. 3...	33	15	
	Aug. 4-Aug. 13...	4	12	
	Sept. 13-Oct. 3...	12	12	

## PLAGUE.

Arabia:				
Jeddah .....	June 10.....	16	23	
Egypt:				
Suez.....	Mar. 31.....			One case of plague on Br. ss. Dilwara from Bombay.
India:				
Bombay (a).....	Dec. 1-Dec. 22.....		694	This is the number of deaths officially reported. The United States consul estimates the number of deaths for the same period at 2,763.
	Dec. 22-Jan. 5.....		738	Estimated deaths for this same period, 2,953.
	Jan. 5-Jan. 12.....		335	Estimated deaths for this same period, 1,388.
	Jan. 12-Jan. 19.....		470	
	Jan. 19-Jan. 26.....		443	Estimated deaths for this same period, 1,462.
	Jan. 26-Feb. 23.....	2,884		Estimated deaths for this same period, 5,845.
	Feb. 23-Mar. 9.....	1,282		Estimated deaths for this same period, 2,265.
	Mar. 9-Mar. 30.....	1,431		Estimated deaths for this same period, 2,730.
	Mar. 31-June 1.....	1,681		Estimated deaths from March 31 to April 20, 2,892.
	June 2-June 29.....		90	
	July 1-Aug. 3.....		52	
	Aug. 4-Aug. 31.....		65	
	Sept. 1-Sept. 28.....		155	
	Sept. 29-Oct. 5.....		44	
	Oct. 6-Nov. 2.....		163	
	Nov. 3-Nov. 9.....		53	
Calcutta.....	Feb. 6-Feb. 13.....		1	
Karachi.....	Jan. 11.....			Plague epidemic; 220 cases, 214 deaths to date.
Madras.....	Oct. 2-Oct. 22.....		2	
China:				
Amoy .....	June 30.....			Plague epidemic reported.
Hongkong .....	Dec. 13-Dec. 29.....			A few cases.
	May 21-May 29.....	4	2	
	June 6-June 12.....		1	
	June 26-July 17.....		3	
	Sept. 26-Oct. 2.....	1	1	
Macao.....	Apr. 1-May 31.....		154	
	June 1-June 3.....	43		
	June 1.....			Plague epidemic reported.
Swato .....	May 4.....			Epidemic of plague reported.
Japan:				
Formosa .....	Nov. 6-Nov. 30.....	53	37	
	Dec. 4-Dec. 29.....		15	
	Jan. 19-Jan. 27.....	3		
	Feb. 23-Mar. 12.....	3		
	Mar. 13-Mar. 23.....	4		
	Mar. 24-Mar. 31.....	3		
	Apr. 1-Apr. 20.....	64	54	
	Apr. 20-May 20.....	268		
	May 31-June 27.....	144		
	June 28-July 25.....	25		
Kanagawa Ken.....	July 7-Aug. 3.....	3	2	
Nagasaki Ken .....	June 9-June 27.....	3	3	
Taihoku .....	Apr. 20-Apr. 27.....	3		
Russia:				
St. Petersburg.....	Apr. 10-Apr. 17.....		1	
Theodosia .....	Mar. 31.....			One case of plague on Br. ss. Baldwin.

a Official returns show 9,118 cases and 7,602 deaths to March 12.

## BRAZIL.

*Sanitary report from Rio.*RIO DE JANEIRO, *November 15, 1897.*

SIR: I have the honor to transmit the report for the week ended November 13, 1897:

There were 5 deaths from *accessio pernicioso*, a decrease of 1; none from smallpox, 1 in the foregoing week; 6 from beriberi, an increase of 5; 2 from enteric fever, an increase of 2; 1 from whooping cough, none in the foregoing week; 61 from tuberculosis, an increase of 16, and 286 from all causes, an increase of 46. I think the large increase in the number of deaths is due to the increased number from pulmonary diseases, including tuberculosis, caused by the very unseasonable weather we are having. Another result is the almost disappearance of yellow fever.

Since last report the following-named ships have been inspected or received bills of health from this office: November 9, ship *Columbus*, Russian, for Sapelo Sound, Ga.; bark *Guiseppa Pignone*, Italian, for Pensacola, Fla.; bark *Lancefield*, British, for Savannah, Ga. November 10, steamship *Amalfi*, German, for New York from Santos. November 11, steamship *Kaffir Prince*, British, for Pernambuco. November 12, steamship *Bellanoch*, British, for New York. November 13, bark *Kelverdale*, British, for Sandy Hook, N. Y.

Respectfully, yours,

R. CLEARY, M. D.,  
*Sanitary Inspector, U. S. M. H. S.*

The SUPERVISING SURGEON-GENERAL,  
*U. S. Marine-Hospital Service.*

## CUBA.

*Smallpox and yellow fever in Cuban seaports.*

December 7: The United States consul at Cardenas reports that during the week ended December 4 there was in that city no death from yellow fever and no death from smallpox.

December 6: The United States consul at Cienfuegos reports that during the week ended December 5 there was in that city no death from yellow fever and 1 death from smallpox.

December 11: The United States sanitary inspector at Habana reports that during the week ended December 9 there were in that city 6 deaths from yellow fever and 6 deaths from smallpox.

December 10: The United States consul at Matanzas reports that during the two weeks ended December 8 there was in that city 1 death from yellow fever.

December 9: The United States sanitary inspector at Habana reports that during the week ended December 9 there were in the city of Regla 3 deaths from yellow fever.

December 6: The United States consul at Sagua la Grande reports that during the week ended December 4 there were in that city 5 cases of yellow fever and 33 cases and 8 deaths from smallpox.

December 4: The United States sanitary inspector at Santiago

reports that during the two weeks ended December 4, there were in that city 3 deaths from yellow fever.

HABANA, CUBA, *December 7, 1897.*

SIR: I have the honor to transmit the following report of this office for the month of November, 1897. Sanitary Inspector Burgess was taken sick on November 5, when I assumed temporary charge and have conducted the service to date.

The sanitary conditions of the city are unchanged and the death rate has steadily increased each month, for while the deaths from yellow fever and other diseases prevailing during the warm, rainy season have decreased, on the other hand intestinal diseases, enteric fever, and smallpox have shown a higher mortality. The number of deaths from yellow fever have steadily decreased since the middle of the summer, the decrease being due, first, to the establishment of military hospitals outside of infected towns, and later on the decrease has been due to the cool weather, or rather a temperature below 70°.

Enteric fever does not seem to exist to any extent beyond the limits of the military hospitals, but it appears to be very fatal in those institutions. The deaths from malarial fevers have also increased, and I notice that the term "tifus malaria" of late has occurred often in the mortuary records. This term is applied to that form of malarial fever designated in the United States as "typho-malarial."

There is no diminution in the deaths from enteritis, dysentery, and diarrhea, and in fact the deaths from enteritis in the military hospitals are increasing so rapidly that I have felt it was due to some cause not heretofore existing.

It is evident that the contracted food supply has at last reached that point where no food stuffs are delivered without immediate payment. There has been no recent influx of reconcentrados, and of the remaining persons it may be said that their condition is somewhat improved, although the streets are still filled with these people who invariably present a half-starved condition. Smallpox is increasing, not rapidly, but enough to warrant a recommendation that vaccination at this office be kept up during the winter months. Beriberi, confined to the Chinese population up to a short time ago, is said to exist to some extent among the natives of the lower class, but I have not observed the disease except among the Chinese.

It may be well to mention that the disease is reported as spreading in Matanzas; this I learn from a fairly reliable source. It will be seen that 2 deaths from leprosy occurred during the past month. These deaths did not occur in the lepers' hospital, but at private residences, and it is no unusual sight to see lepers on the streets. The harbor work has increased over the preceding months, and has kept Assistant Sanitary Inspector Dudley on the harbor several hours daily. It often occurs that notice is given this office of the immediate sailing of vessels, when a bill of health is prepared and signed by the consul, and an inspection made of the crews and vessels, only to discover that the vessels would not be ready to proceed to sea, and in some cases their departure would be delayed two or three days, which would necessarily call for that many inspections.



The following table will show the movement of vessels:

Class.	Ameri- can.	Brit- ish.	Span- ish.	Colum- bian.	Nor- wegian.	Ger- man.	Total.
Steamships .....	22	7	12	3	2	2	48
Tugboats .....	3		2				5
Barks .....	1						1
Barkentines .....	1						1
Schooners .....	8						8
Total .....	35	7	14	3	2	2	63

Passengers .....	299
Crews .....	2,065

Total persons inspected..... 2,364

I would again report that the steamships of the Spanish line plying between this port and New York are not observing the regulation regarding certificates from this office.

It is enforced with American citizens, so far as I can observe, but it is not considered a necessity for other persons to obtain them, and this condition of affairs is exemplified with the sailing of every steamer.

While the danger of yellow fever appearing at a port in the United States may be past, there is still danger from smallpox, and I would recommend that the regulation covering the ground be enforced. During the month of December there will be an exodus of Cubans to the Florida ports, and I will persist in vaccination and revaccination in every instance where it is needed, as this class of passengers always requires close watching.

Very respectfully,

W. F. BRUNNER,

*Sanitary Inspector, U. S. M. H. S.*

The SUPERVISING SURGEON-GENERAL,

*U. S. Marine-Hospital Service.*

[Inclosure.]

*Mortality of the city of Habana and the town of Regla for the month of November, 1897.*

	Habana.	Regla.	Total.
Yellow fever.....	48	53	101
Enteric fever.....	105	8	113
Pernicious fever.....	53	5	58
Malarial fever.....	111	24	135
Beriberi.....	4		4
Smallpox.....	10		10
Coquexia paludica.....	96	14	110
Enteritis.....	359	62	421
Dysentery.....	170	109	279
Diarrhea.....	44	25	69
Meningitis.....	33	1	34
Pneumonia.....	41	6	47
Tuberculosis.....	247	26	273
Starvation.....	27	1	28
Leprosy.....	2		2
Deaths from all causes.....			2,317
Annual ratio per 1,000.....			139.00



*Comparative mortality for the six months ending November 30, 1897, with deaths from intestinal diseases.*

Months.	Deaths from intestinal diseases.	Deaths from all causes.	Annual ratio per 1,000.	Months.	Deaths from intestinal diseases.	Deaths from all causes.	Annual ratio per 1,000.
June.....	143	1,041	62.46	September.....	411	1,778	106.68
July.....	171	1,193	71.52	October.....	729	2,272	136.32
August.....	291	1,439	86.34	November.....	769	2,317	139.00

*Sanitary report from Habana.*

HABANA, CUBA, *December 11, 1897.*

SIR: I have the honor to submit the following report for the week ended Thursday, December 9, 1897, with the table of mortality for the period stated. The temperature has been lower during the past week than at any other time during the present season, and no rain has fallen, giving a dry atmosphere.

The number of deaths from yellow fever has decreased with the cool weather, but there appears to be marked diminution of cases and deaths from enteric fever. Malarial fevers still furnish the summer quota of deaths; in fact, there are more deaths from these fevers now than there were during the rainy season.

Smallpox continues to increase, and will do so during the present winter. From the mortality table it will be noticed that there were 6 deaths from that disease; of that number but 1 occurred in the military hospitals.

There is a civil hospital, called the Quinta del Rey, which furnishes a large per cent of the deaths occurring from this disease.

Intestinal diseases show a slight decrease in comparison with the past few weeks. The total deaths have decreased also, but I do not believe the death rate will continue to show any marked diminution, even though the official reports should so present it, as the conditions are nearly all present now that have existed for months.

The harbor work is still heavy. Many vessels are now leaving this harbor for the United States. The cattle business with Florida has been almost finished. The trade seems to have been diverted from Florida to New Orleans and Galveston, evidently on account of the bad condition of the Florida cattle on arrival here.

The Morgan line of steamers from New Orleans has sent 3 steamers within the past ten days, while there is a steamer from Galveston once every five days. The vessels from Galveston bring cotton in their lower holds, and after discharging their cargo of cattle proceed to New York and Boston.

The New Orleans steamers having cattle discharge them at one of the Regla wharves, but do not remain at said wharf any longer than two hours, going out into the stream as soon as the cattle are removed from the ship.

Inquiries are being made about the storing of sugar, preparatory to its shipment to the United States, and I have advised parties so interested not to place the material in any warehouse which has been used as a military hospital at any time during the present war.

It appears to be the belief that more sugar will be made this year than last.

Shippers of horsehair, glue stock, and other kindred material, all

of which will go either to Philadelphia or New York, wish to begin shipments during the present month.

Very respectfully,

W. F. BRUNNER,

*Sanitary Inspector, U. S. M. H. S.*

The SUPERVISING SURGEON-GENERAL,

*U. S. Marine-Hospital Service.*

[Inclosure.]

*Mortality of the city of Habana and the town of Regla for the week ended Thursday, December 9, 1897.*

	Habana.	Regla.	Total.
Yellow fever.....	6	3	9
Enteric fever.....	18	2	20
Pernicious fever.....	7	3	10
Malarial fever.....	15	14	29
Smallpox.....	6	0	6
Coquexia paludica.....	22	6	28
Enteritis.....	86	15	101
Dysentery.....	34	26	60
Diarrhea.....	12	6	18
Pneumonia.....	8	1	9
Tuberculosis.....	44	5	49
Starvation.....	4	0	4
Deaths from all causes.....	413	81	494
Annual ratio per 1,000.....			128.44

*Sanitary reports from Santiago.*

SANTIAGO DE CUBA, *November 27, 1897.*

SIR: I have the honor of submitting the following report on the sanitary condition of Santiago de Cuba for the week ended November 27:

There were 60 deaths noted, of which 2 were from yellow fever, 4 from dysentery, 5 from tuberculosis, 1 from pernicious and 3 from remittent fevers, 6 from enteritis, 15 from anæmia with dropsy, the rest from non-contagious diseases.

The fact that the government is issuing rations to the poor and "concentrados" has somewhat improved the general health, and beggars are less exacting on the streets and at the house doors. Great numbers of anæmic and dropsy cases still exist in the town and at the hospitals, but I expect that with the new political régime just established, and with the help of the government, the poorer classes will suffer less, both physically and morally.

Respectfully,

H. S. CAMINERO, M. D.,

*Sanitary Inspector, U. S. M. H. S.*

The SUPERVISING SURGEON-GENERAL,

*U. S. Marine-Hospital Service.*

SANTIAGO DE CUBA, *December 4, 1897.*

SIR: Sixty-seven deaths have been recorded this week, and the slight increase in the mortality is due to pulmonary complaints, very common just now, owing to the sudden changes of the temperature. There has been 1 death from yellow fever, 7 from tuberculosis, 2 from dysentery, 3 from pernicious and 1 from remittent fever, 4 from enteritis, 4 from pneumonia, 9 from dropsy; the rest from common diseases, acute and chronic, of noncontagious character. There are very few cases of yellow fever among the soldiers at present, and these are generally of a mild

character. Catarrhal affections of the respiratory organs are very common, and cases of grippe prevail to some extent.

Respectfully,

H. S. CAMINERO, M. D.,  
*Sanitary Inspector, U. S. M. H. S.*

The SUPERVISING SURGEON-GENERAL,  
*U. S. Marine-Hospital Service.*

JAPAN.

*Sanitary report from Yokohama.*

YOKOHAMA, November 9, 1897.

SIR: I have the honor to forward herewith my regular report on infectious diseases in Japan for period October 29 to November 8, inclusive. I beg to invite your attention to the continued prevalence of epidemic dysentery, notwithstanding the low temperature of the present season.

I am, sir, very respectfully, your obedient servant,

STUART ELDRIDGE, M. D.,  
*Sanitary Inspector, U. S. M. H. S.*

The SUPERVISING SURGEON-GENERAL,  
*U. S. Marine-Hospital Service.*

[Inclosure.]

*Report of infectious diseases in Japan, October 29 to November 8, 1897.*

Locality.	Cholera.		Dysentery.		Smallpox.	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Kioto Fu.....			88	48		
Osaka Fu.....			73	33	1	
Tokyo Fu.....			59	17		
Aichi Ken.....			69	18		
Akita Ken.....			3	1	1	
Awamori Ken.....			291	49		
Chiba Ken.....			119	26	1	
Fukui Ken.....			23	12		
Fukuoka Ken.....			2	2		
Fukushima Ken.....			28	6	1	
Gifu Ken.....			21	8		
Gumma Ken.....			48	20		
Hioo Ken.....			56	15		
Hiroshima Ken.....			142	96		
Ibaraki Ken.....			37	18		
Ishikawa Ken.....			6	4		
Iwate Ken.....			265	62		
Kagawa Ken.....	(a)					
Kagoshima Ken.....			58	7		1
Kanagawa Ken.....			124	26		
Kochi Ken.....			23	4		
Kumamoto Ken.....	(a)					
Miyagi Ken.....			82	30	1	
Miyazaki Ken.....			10	5		
Miye Ken.....			28	16		
Nagano Ken.....			430	156		
Nagasaki Ken.....	(a)					
Nara Ken.....	(a)					
Niigata Ken.....			697	183	5	1
Oita Ken.....			24	11		
Okayama Ken.....			57	22		
Okinawa Ken.....	(a)					
Saga Ken.....			12	4		
Saitama Ken.....			41	19		
Shidzuoka Ken.....			219	76		
Shiga Ken.....			17	7		
Shimane Ken.....			98	38		
Tochigi Ken.....	(a)					
Tokushima Ken.....			12	7		
Tottori Ken.....			46	20		
Toyama Ken.....	(a)					
Wakayama Ken.....			5	2		
Yamagata Ken.....			7	8		
Yamaguchi Ken.....			140	52		
Yamanashi Ken.....			258	86		
Yehime Ken.....	2		116	29	2	
The Hokkaido.....					37	11
Taiwan (Formosa).....	(a)					
Totals.....	2		3,834	1,243	49	13

a No report.

*Vessels inspected at Yokohama during September and October.*

OFFICE SANITARY INSPECTOR,  
MARINE-HOSPITAL SERVICE,  
Yokohama, Japan, November 20, 1897.

SIR: I have the honor to report that during the months of September and October just passed I inspected vessels as follows, all being apparently free from infection:

*Vessels inspected and free from infection.*

Date.	Steamer or vessel.	Destination.
Sept. 4	American steamship City of Peking.....	San Francisco via Honolulu.
Sept. 11	British steamship Energia.....	New York via ports.
Sept. 14	British steamship Doric.....	San Francisco via Honolulu.
Sept. 18	British steamship Victoria.....	Tacoma via Victoria.
Sept. 21	British steamship Glenfarg.....	Tacoma.
Sept. 23	Japanese steamship Kinshiu Maru.....	Seattle.
Do.....	Hawaiian steamship China.....	San Francisco via Honolulu.
Sept. 27	British steamship Cromartyshire.....	Portland, Oreg.
Oct. 2	British steamship Belgic.....	San Francisco via Honolulu.
Oct. 4	British sailing vessel H. D. Troop.....	Tacoma.
Do.....	British steamship Braemar.....	Portland, Oreg.
Oct. 5	British steamship Macduff.....	New York via ports.
Do.....	British steamship Glenericht.....	Tacoma (reinspected 9th).
Oct. 9	British steamship Olympia.....	Tacoma.
Do.....	Japanese steamship Riojun Maru.....	Seattle.
Oct. 10	American steamship Peru.....	San Francisco via Honolulu.
Oct. 14	British steamship Flintshire.....	Portland, Oreg.
Do.....	British sailing vessel Lord Wolseley.....	Port Townsend.
Oct. 19	British sailing vessel Selkirkshire.....	Portland, Oreg.
Oct. 20	American sailing vessel T. H. Allen.....	New York via Kobe.
Oct. 21	British steamship Coptic.....	San Francisco via Honolulu.
Oct. 22	British sailing vessel Thetis.....	Portland, Oreg.
Oct. 25	British steamship Mogul.....	Do.
Oct. 30	American steamship Rio de Janeiro.....	San Francisco via Honolulu.

I am, sir, very respectfully your obedient servant,  
STUART ELDRIDGE, M. D.,  
Sanitary Inspector, U. S. M. H. S.

The SUPERVISING SURGEON-GENERAL,  
U. S. Marine-Hospital Service.

## STATISTICAL REPORTS.

BAHAMAS—*Dunmore Town*.—Two weeks ended December 3, 1897. Estimated population, 1,472. No deaths.

*Governors Harbor*.—Two weeks ended December 4, 1897. Estimated population, 1,500. One death.

*Green Turtle Cay—Abaco*.—Two weeks ended December 2, 1897. Estimated population, 3,900. No deaths.

BERMUDA.—Two weeks ended December 4, 1897. Estimated population, 15,013. Three deaths. No deaths from contagious disease.

BRAZIL—*Ceara*.—Month of October, 1897. Estimated population, 50,000. Total deaths, 105. No deaths reported from contagious disease.

GREAT BRITAIN—*England and Wales*.—The deaths registered in 33 great towns in England and Wales during the week ended November 27 correspond to an annual rate of 20.2 a thousand of the aggregate population, which is estimated at 10,992,524. The highest rate was recorded in Swansea, viz, 28.6, and the lowest in Cardiff, viz, 11.0.

*London.*—One thousand seven hundred and ninety-four deaths were registered during the week, including measles, 120; scarlet fever, 27; diphtheria, 63; whooping cough, 35; enteric fever, 21, and diarrhea and dysentery, 13. The deaths from all causes correspond to an annual rate of 21.0 a thousand. In greater London 2,273 deaths were registered, corresponding to an annual rate of 18.8 a thousand of the population. In the "outer ring" the deaths included 14 from diphtheria, 22 from measles, 2 from scarlet fever, and 7 from whooping cough.

*Ireland.*—The average annual death rate represented by the deaths registered during the week ended November 27 in the 23 principal town districts of Ireland was 22.4 a thousand of the population. The lowest rate was recorded in Clonmel, viz, 0.0, and the highest in Newtownards, viz, 39.7 a thousand. In Dublin and suburbs 170 deaths were registered, including enteric fever, 12, and scarlet fever, 3.

*Scotland.*—The deaths registered in 8 principal towns during the week ended November 27 correspond to an annual rate of 19.5 a thousand of the population, which is estimated at 1,549,907. The lowest mortality was recorded in Leith, viz, 14.5, and the highest in Greenock, viz, 25.4 a thousand. The aggregate number of deaths registered from all causes was 581, including measles, 10; scarlet fever, 12; diphtheria, 5, and whooping cough, 23.

*SPAIN—Barcelona.*—Month of September, 1897. Estimated population, 440,000. Total deaths, 337, including smallpox, 8; phthisis pulmonalis, 135; enteric fever, 54; diphtheria, 21, and measles, 1.



## MORTALITY TABLE, FOREIGN CITIES.

Cities.	Week ended.	Estimated population.	Total deaths from all causes.	Deaths from—								
				Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Aix la Chapelle.....	Nov. 20.....	126,646	50							1		1
Amapala.....	Oct. 30.....	1,500	0									
Do.....	Nov. 6.....	1,500	0									
Do.....	Nov. 13.....	1,500	0									
Do.....	Nov. 20.....	1,500	0									
Amherstburg.....	Dec. 4.....	2,300	0									
Amsterdam.....	Nov. 27.....	501,119	134				1	1		2		3
Belize.....	Dec. 3.....	13,000	4									
Belleville.....	Dec. 6.....	10,399	3									
Berlin.....	Nov. 13.....	1,708,499	505					5		19	3	
Birmingham.....	Nov. 27.....	505,772	200						5	2	12	3
Bombay.....	Nov. 9.....	821,764	701	11							2	
Bremen.....	Nov. 20.....	143,000	36						1	1		
Brussels.....	do.....	531,011	163					2	2	1	1	1
Budapest.....	Nov. 26.....	640,000					2				1	1
Calcutta.....	Nov. 30.....	681,560	504	10								1
Cardenas.....	Dec. 4.....	23,517	85				5	23				
Cardiff.....	Nov. 6.....	170,063	50							5		
Do.....	Nov. 13.....	170,063	35					1		3		
Do.....	Nov. 20.....	170,063	47							2		1
Do.....	Nov. 27.....	170,063	35									
Catania.....	Nov. 23.....	120,000	66									
Chemnitz.....	Nov. 20.....	165,000	60							4	1	
Christiania.....	Nov. 27.....	192,141						1	1			
Cienfuegos.....	Dec. 5.....	24,030	90			1						
Cognac.....	Nov. 30.....	20,000	5									
Cologne.....	Nov. 20.....	338,654	114							1	3	
Colombo.....	Nov. 6.....	130,000	111					4				
Copenhagen.....	Nov. 20.....	340,000	101						1	2		
Crefeld.....	Nov. 27.....	108,316	30						2			
Dresden.....	Nov. 13.....	375,600	100					1		1		1
Dundee.....	Nov. 27.....	163,090	55						3	1		1
Dusseldorf.....	Nov. 20.....	189,780	49				1		1	1		
Flushing.....	do.....	17,193	3									
Do.....	Nov. 27.....	17,193	5									
Frankfort on the Main.....	do.....	243,000	73									
Funchal.....	Nov. 14.....	35,665	14									
Ghent.....	Nov. 20.....	159,218	75									
Gibraltar.....	Nov. 21.....	25,900	5									
Girgenti.....	Nov. 20.....	24,428	11									
Glasgow.....	do.....	714,919	254					8	2	2	7	9
Gothenburg.....	do.....	117,350	42								3	
Guayaquil.....	Nov. 26.....	50,000	30									
Halifax.....	Dec. 4.....	38,700	6									
Hamburg.....	Nov. 20.....	641,780	176							1	3	2
Do.....	Nov. 27.....	641,780	171							2		1
Havre.....	Nov. 20.....	119,470	43									
Hongkong.....	Nov. 6.....	261,258				1						
Kingston, Canada.....	Dec. 10.....	18,500	6									
Königsberg.....	Nov. 29.....	171,700						1				
Leeds.....	Nov. 27.....	402,449	178					2	4	6	4	3
Leghorn.....	do.....	103,609	35					1				
Licata.....	Nov. 20.....	20,000	11					2				
Liege.....	do.....	166,110	50									
Livingston.....	Nov. 27.....	2,000	2									
Lyons.....	Nov. 13.....	466,078	179					1				
Do.....	Nov. 20.....	466,028	154					4				
Madrid.....	Nov. 23.....	482,816	240			2	4		2	5	4	
Magdeburg.....	Nov. 6.....	221,034	62									3
Manaos.....	Oct. 16.....	40,000				2						
Do.....	Oct. 23.....	40,000				1						
Mannheim.....	Nov. 20.....	101,500	34									
Do.....	Nov. 27.....	101,500	56								1	
Maracaibo.....	do.....	50,000	28									
Matanzas.....	Dec. 1.....	50,000	352					2				
Messina.....	Nov. 27.....	107,000	30									
Montevideo.....	Oct. 30.....	215,061	47									
Do.....	Nov. 6.....	215,061	60									
Munich.....	Nov. 13.....	418,000	202							5	6	1
Do.....	Nov. 20.....	418,000	221							5	4	3
Nuremberg.....	Nov. 6.....	180,141	54									
Do.....	Nov. 13.....	180,141	54						2			

a Fifty-three deaths from plague.



## MORTALITY TABLE, FOREIGN CITIES—Continued.

Cities.	Week ended.	Estimated population.	Total deaths from all causes.	Deaths from—							
				Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.
Odessa.....	Nov. 20....	404,000	172			1		9		4	4
Osaka and Hiogo.....	Nov. 6....	182,730	115					1		2	
Do.....	Nov. 13....	182,730	102					2		1	
Palermo.....	Nov. 20....	273,000	90							1	
Para.....	do.....	150,000	39		5						
Pernambuco.....	Oct. 2....	200,000	88					1			
Do.....	Oct. 9....	200,000	91								
Do.....	Oct. 16....	200,000	87								
Do.....	Oct. 23....	200,000	89								
Do.....	Oct. 30....	200,000	92								
Plymouth.....	Nov. 27....	97,658	42								
Port au Prince.....	Nov. 16....	60,000	20								
Do.....	Nov. 23....	60,000	25					1	4	2	
Prague.....	Nov. 20....	195,919	107								
Puerto Cortez.....	Dec. 7....	2,000	0								
Quebec.....	Nov. 27....	70,000									
Do.....	Dec. 4....	70,000								2	
Rheims.....	Nov. 27....	108,943	28								1
Rio de Janeiro.....	Nov. 13....	679,000	286								1
Rotterdam.....	Nov. 27....	295,308	121				2				
Sagua la Grande.....	do.....	17,536	122								
Do.....	Dec. 4....	17,536			8						
St. Georges.....	Nov. 27....	2,150	0								
Do.....	Dec. 4....	2,150	1								
St. Petersburg.....	Nov. 13....	1,267,023	507		3		26	19	45	4	1
Do.....	Nov. 20....	1,267,023	536		2	1	20	23	46	6	4
St. Stephens.....	Dec. 4....	3,000	0								
San Juan del Norte.....	Nov. 20....	1,156	0								
Santos.....	Nov. 6....	40,000	24								
Do.....	Nov. 13....	40,000	25								
Schiedam.....	Nov. 27....	26,627	10								
Sonneberg.....	Nov. 13....	12,400	3								
Do.....	Nov. 20....	12,400	2								
Southampton.....	Nov. 27....	98,002	21								
Stettin.....	Nov. 20....	150,000	47					1		2	2
Stockholm.....	do.....	275,000	85					1	1	1	
Stuttgart.....	Nov. 25....	162,934	42								
Tegucigalpa.....	Nov. 20....	14,000	3								
Trapani.....	do.....	45,095	17								
Trieste.....	do.....	158,314	77				3			3	
Tuxpan.....	Nov. 13....	10,280	12								
Do.....	Nov. 20....	10,280	18								
Venice.....	do.....	166,107	76					2		2	
Vera Cruz.....	Dec. 2....	30,000	31							1	
Vienna.....	Oct. 23....	1,574,129	526					1	5	14	
Do.....	Oct. 30....	1,574,129	525					1	1	5	
Do.....	Nov. 6....	1,574,129	546					4	8	5	
Zurich.....	Nov. 20....	159,000	35							3	1

By authority of the Secretary of the Treasury :

WALTER WYMAN,  
Supervising Surgeon-General U. S. Marine-Hospital Service.